

# Recombinant *Anguilla Japonica* CNP Protein (110-131 aa), His-Myc-tagged

**Cat. No.** CNP-2162A    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant <i>Anguilla Japonica</i> (Japanese eel) CNP Protein (110-131 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length.
<b>Species</b>	<i>Anguilla Japonica</i>
<b>Source</b>	Yeast
<b>ProteinLength</b>	110-131 aa
<b>Description</b>	Hormone which plays a role in endochondral ossification through regulation of cartilaginous growth plate chondrocytes proliferation and differentiation. May also be vasoactive and natriuretic. May be important for freshwater adaptation.
<b>Form</b>	Tris-based buffer, 50% glycerol
<b>Molecular Mass</b>	5.8 kDa
<b>AA Sequence</b>	GWNRGCFGLKLDRI <sup>®</sup> GSLSGLGC
<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration**

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

**GENE INFORMATION****Synonyms**

cnp; BNP-like peptide CNP-22;

**UniProt ID**

[P18145](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA